

Place of  
Form PTO-1449U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
30545.11

SERIAL NO.

09/970, 432

INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)APPLICANT  
Harold O. TreeceFILING DATE  
HerewithGROUP  
unknown

3671

J1017 U.S. PTO  
09/970432

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CJN	AA	3	6	0	5	8	9	6	09/1971 <del>03/1984</del>	Perkins	166	290	—
CJN	AB	3	6	1	6	8	5	0	11/1971	Scott	166	155	—
CJN	AC	3	7	6	8	5	5	6	10/1973	Baker	166	154	—
CJN	AD	3	7	6	8	5	6	2	10/1973	Baker	166	289	—
CJN	AE	3	7	9	6	2	6	0	03/1974	Bradley	166	153	—
CJN	AF	3	9	4	8	3	2	2	04/1976	Baker	166	289	—
CJN	AG	4	2	4	6	9	6	7	01/1981	Harris	166	291	—
CJN	AH	4	2	4	6	9	6	8	01/1981	Jessup et al.	166	334	—
CJN	AI	4	6	2	4	3	1	2	11/1986	McMullin	166	155	—
CJN	AJ	4	8	3	6	2	7	9	06/1989	Freeman	166	153	—
CJN	AK	4	8	5	8	6	8	7	08/1989	Watson et al.	166	153	—
CJN	AL	4	9	3	4	4	5	2	06/1990	Bradley	166	153	—
CJN	AM	5	0	9	5	9	8	0	03/1992	Watson	166	192	—
CJN	AN	5	4	3	7	3	3	0	08/1995	Gambertoglio	166	289	—
CJN	AO	5	5	3	3	5	7	0	07/1996	Streich et al.	166	153	—
CJN	AP	5	7	2	2	4	9	1	03/1998	Sullaway et al.	166	291	10/11/96
CJN	AQ	5	8	1	3	4	5	7	09/1998	GILLOUX ET AL - <del>Class 166</del>	166	153	08/29/96

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	CTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
CJN	AR	0	3	7	1	5	7	6	06/1990	Europe	—	—		
CJN	AS	0	4	9	8	9	9	0	08/1992	Europe	—	—		
CJN	AT	0	6	9	7	4	9	6	02/1996	Europe	—	—		
CJN	AU	0	7	7	4	5	6	4	05/1997	Europe	—	—		
CJN	AV	0	8	6	9	2	5	7	10/1998	Europe	—	—		
CJN	AW	2	6	6	3	6	7	8	12/1991	France	—	—		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CJN	AX		Halliburton Services Sales & Service Catalog No. 44, pp. 26-30 and 48-52 (1990)										
	AY												

EXAMINER

C. Novosad

DATE CONSIDERED

02-26-02

\*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

In Place of  
Form PTO-1449

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
30545.11SERIAL NO.  
09/970,432INFORMATION DISCLOSURE STATEMENT  
(Use additional sheets if necessary)APPLICANT  
Harold O. TreeceFILING DATE  
October 3, 2001GROUP  
3671

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	YES	NO
	AG								
	AH								
	AI								
	AJ								

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.).

CJN	AK		Halliburton Energy Services Drawing No. 402.15013, 08/1993
	AL		
	AM		

EXAMINER *C. Novosad*DATE CONSIDERED *02-26-02*

## \*EXAMINER:

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